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A BRIGHT METEOR. (MAY 9, 1896.)

On May 9, 1896, I saw a very bright meteor, at $10^h 37^m 58^s \pm 5^s$ to $10^h 58^m 8^s \pm 5^s$, P. S. T. It was very near to *Altair* when first seen, and almost exactly in the direction of that star. It was visible for ten seconds, and disappeared at a point which was afterwards found from a star-chart to be R. A., $19^h 20^m$; Decl. -5° .

The meteor was five or six times as bright as *Venus*, and increased in brilliancy towards the end of its path. It was pear-shaped, and had a brilliant bluish-white nucleus, but left no train. It was not seen to burst, nor was any noise heard, although listened for, for several minutes.

C. D. PERRINE.

MT. HAMILTON, May 11, 1896.

BRIGHT METEOR, MAY 19, 1896.

A meteor fully ten times as bright as *Venus* was seen to fall almost vertically through *Sagittarius* on the meridian of 19^h from about -25° to -45° . It was visible for 3^s from $14^h 46^m 12^s$ P. S. T. to $14^h 46^m 15^s$ P. S. T. The haze in the sky was illuminated by the meteor and disappearance took place in a stratum of cloud near the horizon. Its color was bluish white.

C. D. PERRINE.

MT. HAMILTON, May 22, 1896.

ERRORS IN CIPHER TELEGRAMS DUE TO THE MORSE-CODE.

Some of the letters of the MORSE-Code used by telegraphers are liable to be interchanged in transmission. General WILLIAM J. PALMER, President of the Rio Grande Western Railway, kindly furnishes the accompanying list of the most common errors of the sort, as shown by his own experience.

E. S. H.

L for t, or vice versa.
 Ll " m, " " "
 Te " n, " " "
 Le " n, " " "
 C for r, or S, or vice versa.
 Z " se, " " "
 O " ee, or i, " " "
 U " a, " " "
 B " d, " " "
 G " n, " " "